

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
 Data File : VN086718.D
 Acq On : 20 May 2025 15:15
 Operator : JC\MD
 Sample : Q2080-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-HRH-COMP-02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 21 01:46:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	168883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123879	53.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 106.160%		
35) Dibromofluoromethane	8.165	113	103216	51.780	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 103.560%		
50) Toluene-d8	10.565	98	428611	51.886	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 103.780%		
62) 4-Bromofluorobenzene	12.847	95	147344	50.516	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 101.040%		
Target Compounds						Qvalue
16) Acetone	4.430	43	75110	86.042	ug/l	98
18) Methyl Acetate	5.024	43	3552	1.454	ug/l #	86
20) Methylene Chloride	5.283	84	5381	2.336	ug/l #	83
43) Isopropyl Acetate	8.683	43	18181m	3.053	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

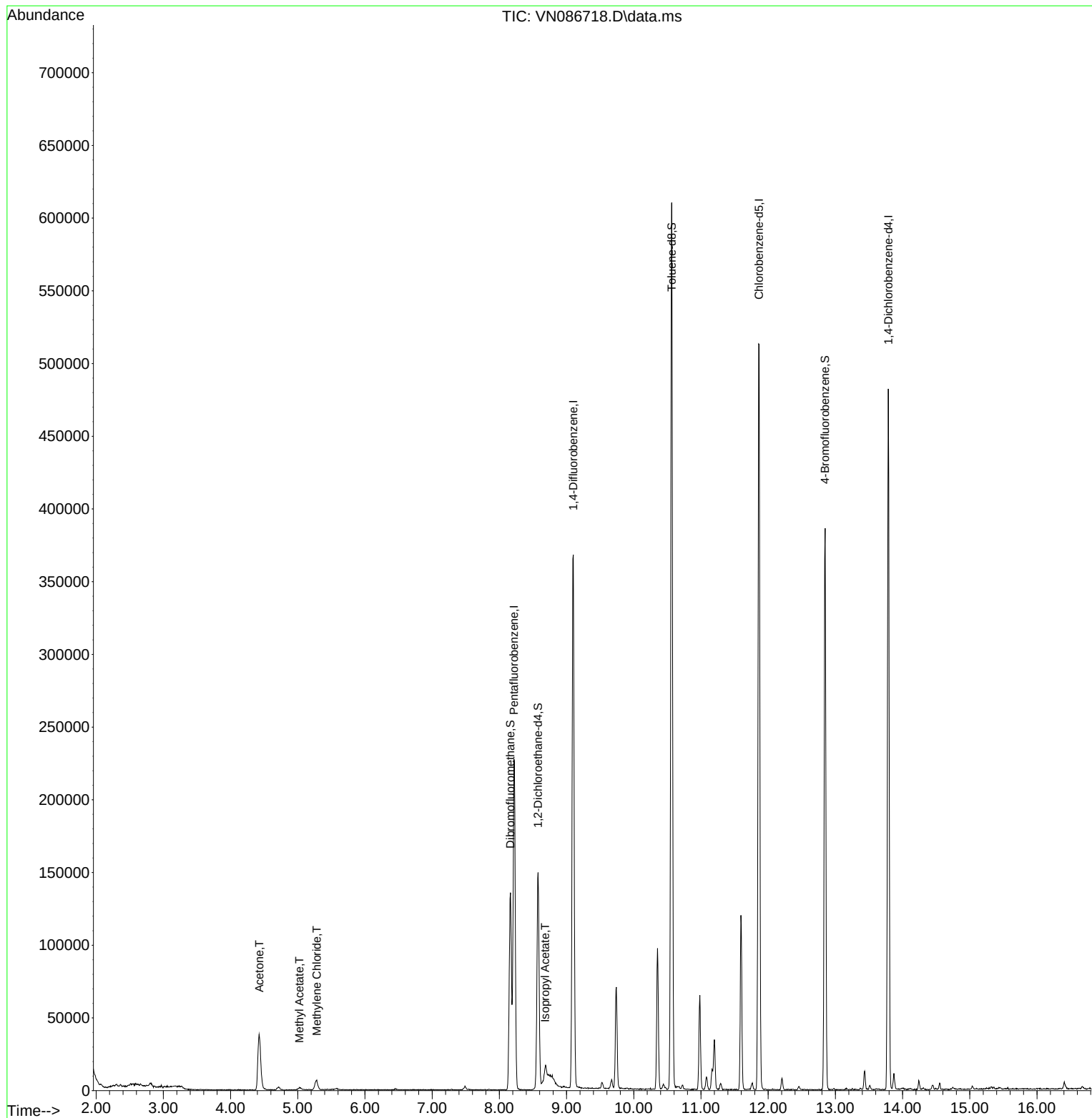
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
Data File : VN086718.D
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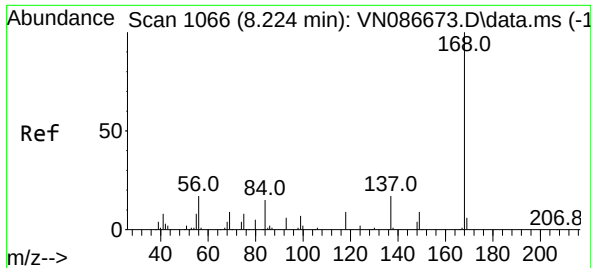
Instrument :
MSVOA_N
ClientSampleId :
PL-HRH-COMP-02

Quant Time: May 21 01:46:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

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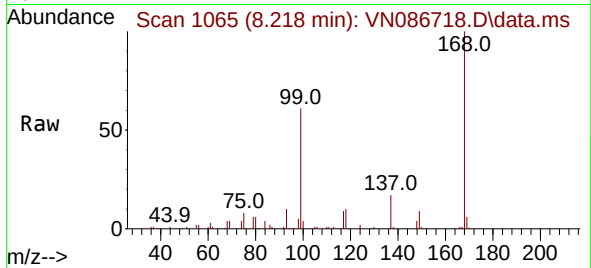
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086718.D
Acq: 20 May 2025 15:15

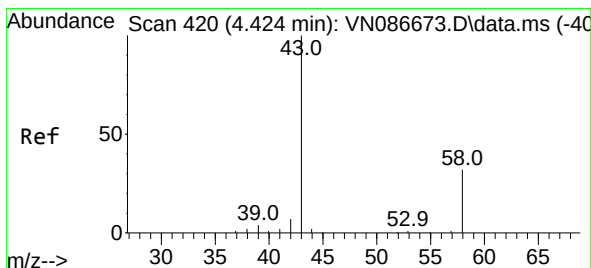
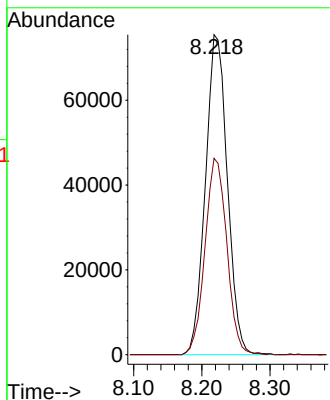
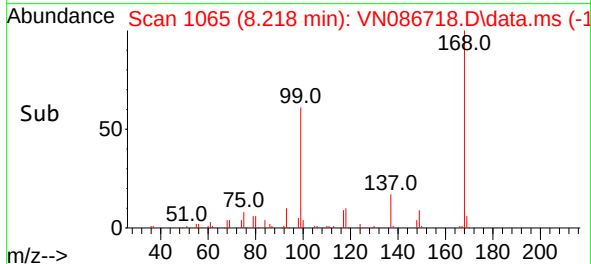
Instrument :
MSVOA_N
ClientSampleId :
PL-HRH-COMP-02



Tgt Ion:168 Resp: 16888
Ion Ratio Lower Upper
168 100
99 61.3 47.0 70.4

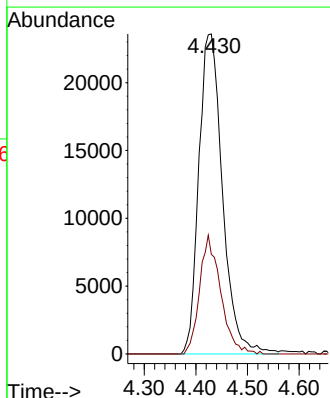
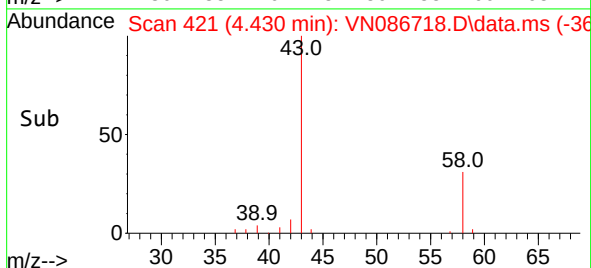
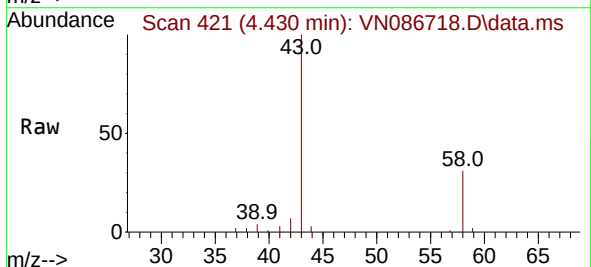
Manual Integrations
APPROVED

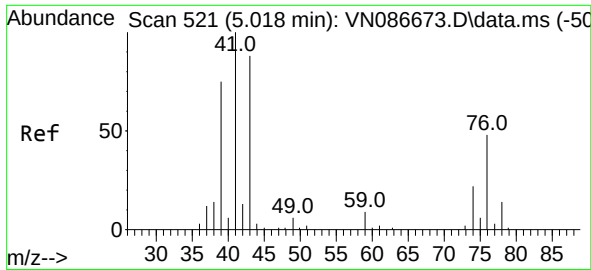
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 86.042 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086718.D
Acq: 20 May 2025 15:15

Tgt Ion: 43 Resp: 75110
Ion Ratio Lower Upper
43 100
58 31.1 25.8 38.6





#18

Methyl Acetate

Concen: 1.454 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN086718.D

Acq: 20 May 2025 15:15

Instrument :

MSVOA_N

ClientSampleId :

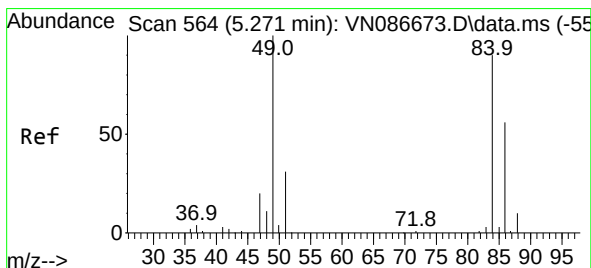
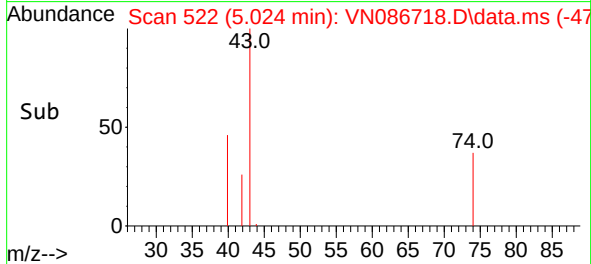
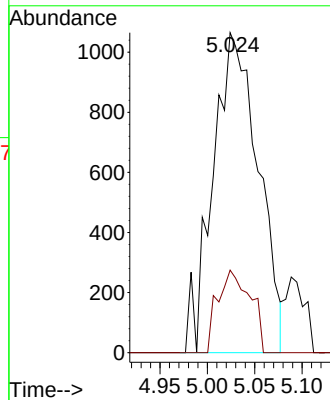
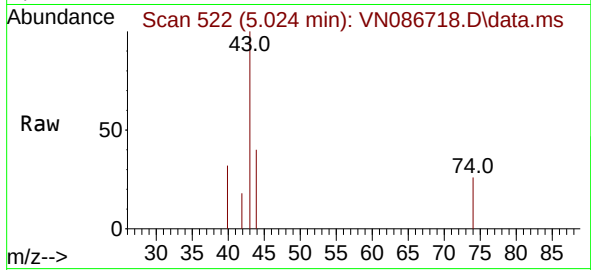
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Tgt Ion: 43 Resp: 3552
 Ion Ratio Lower Upper
 43 100
 74 18.6 20.5 30.7

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#20

Methylene Chloride

Concen: 2.336 ug/l

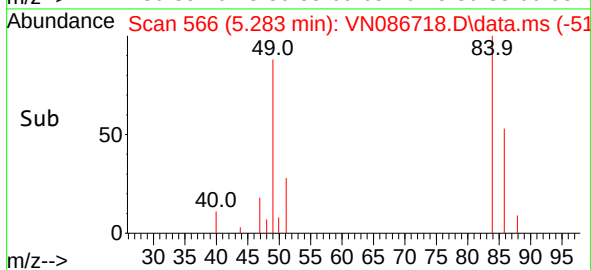
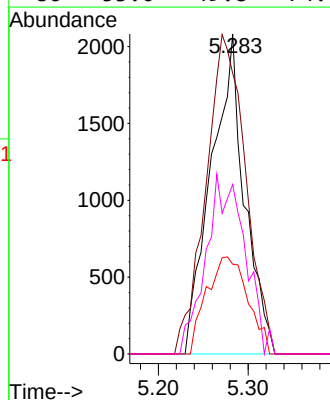
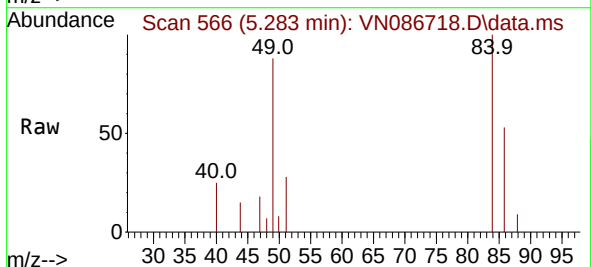
RT: 5.283 min Scan# 566

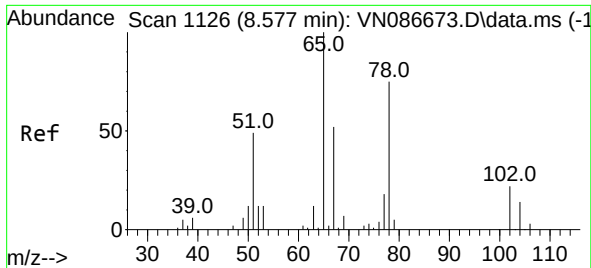
Delta R.T. 0.012 min

Lab File: VN086718.D

Acq: 20 May 2025 15:15

Tgt Ion: 84 Resp: 5381
 Ion Ratio Lower Upper
 84 100
 49 87.7 88.8 133.2#
 51 28.0 27.8 41.6
 86 53.0 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 53.084 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086718.D

Acq: 20 May 2025 15:15

Instrument :

MSVOA_N

ClientSampleId :

PL-HRH-COMP-02

Tgt Ion: 65 Resp: 123879

Ion Ratio Lower Upper

65 100

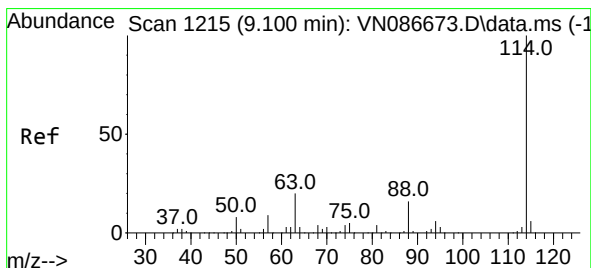
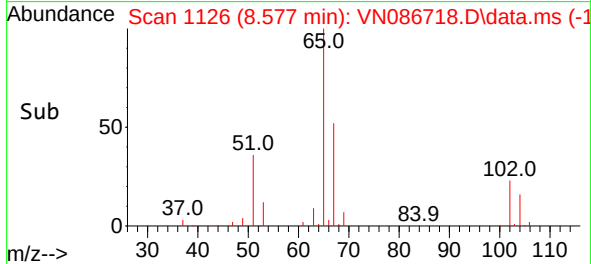
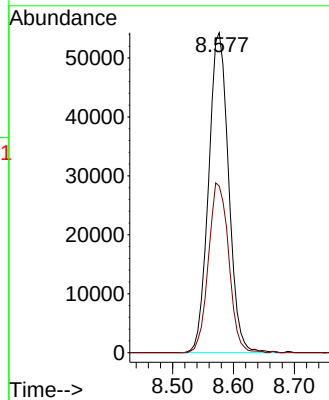
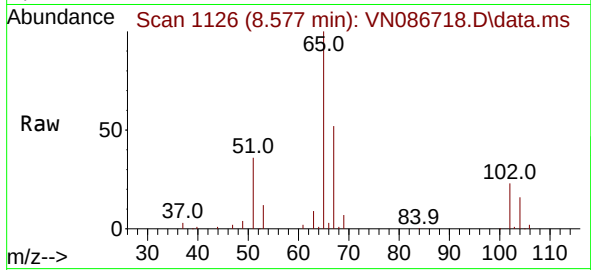
67 53.8 0.0 106.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086718.D

Acq: 20 May 2025 15:15

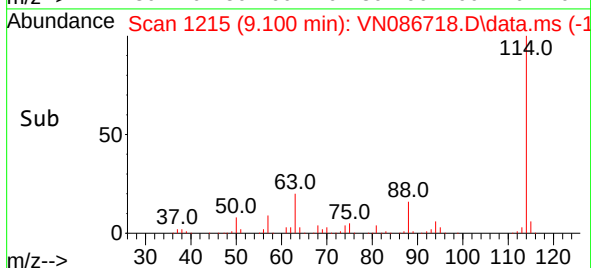
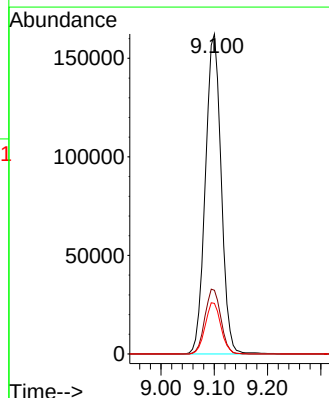
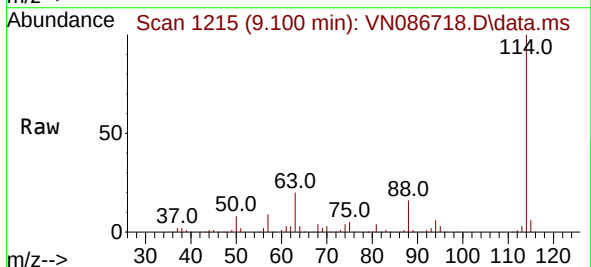
Tgt Ion:114 Resp: 334715

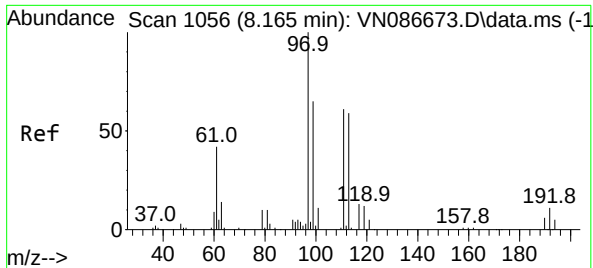
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

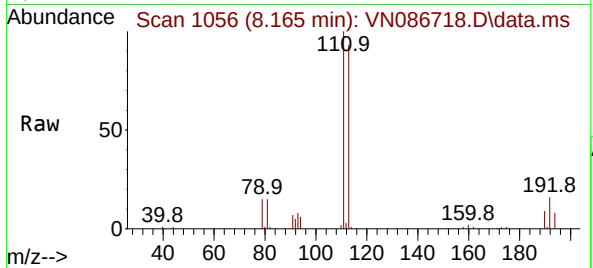
88 15.8 0.0 31.2





#35
Dibromofluoromethane
Concen: 51.780 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086718.D
Acq: 20 May 2025 15:15

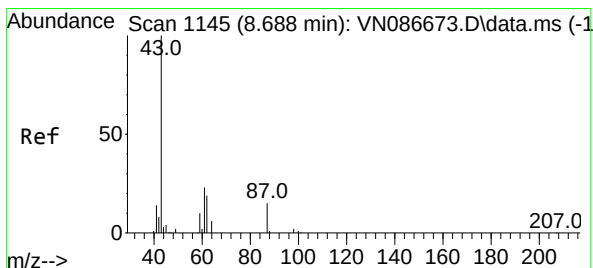
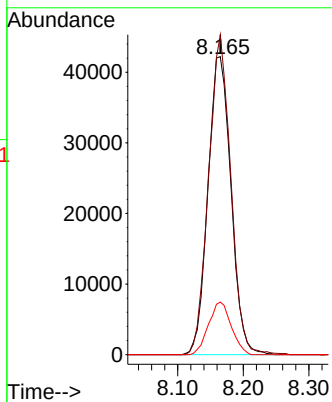
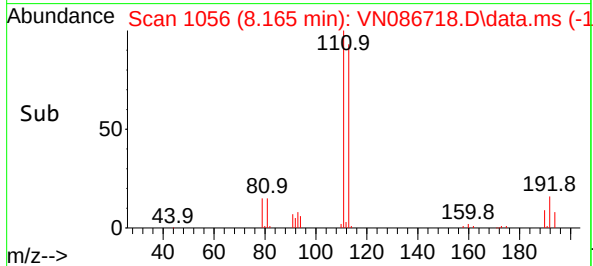
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ClientSampleId :
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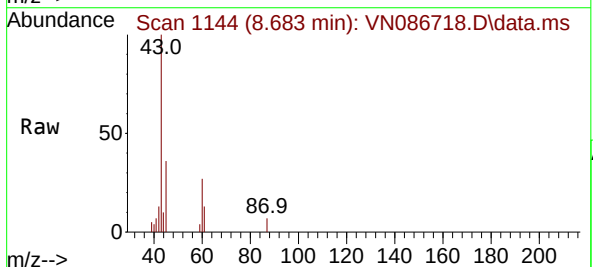
Tgt Ion: 113 Resp: 103210
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 17.4 13.8 20.8

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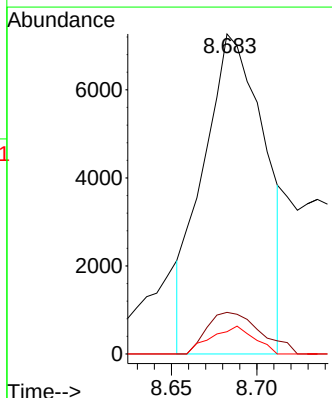
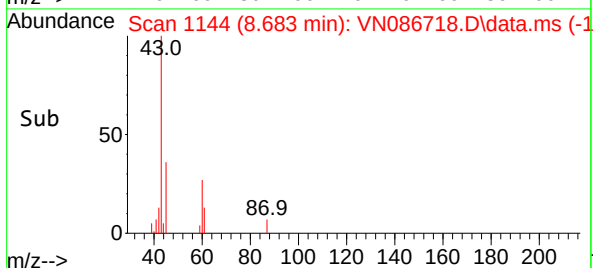
Reviewed By :John Carlone 05/21/2025
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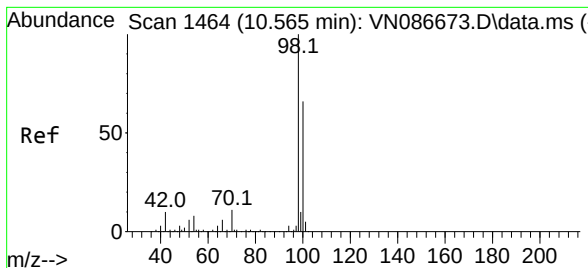


#43
Isopropyl Acetate
Concen: 3.053 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086718.D
Acq: 20 May 2025 15:15



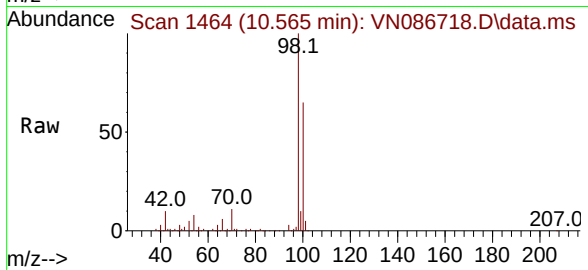
Tgt Ion: 43 Resp: 18181
Ion Ratio Lower Upper
43 100
61 11.3 21.4 32.2#
87 6.1 11.1 16.7#





#50
Toluene-d8
Concen: 51.886 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086718.D
Acq: 20 May 2025 15:15

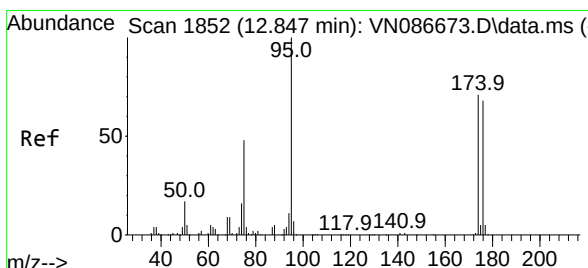
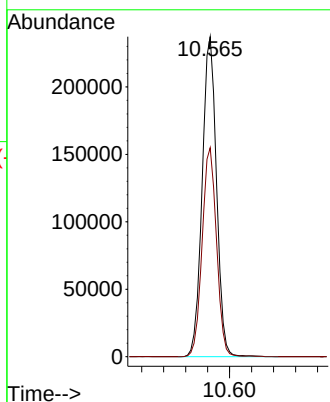
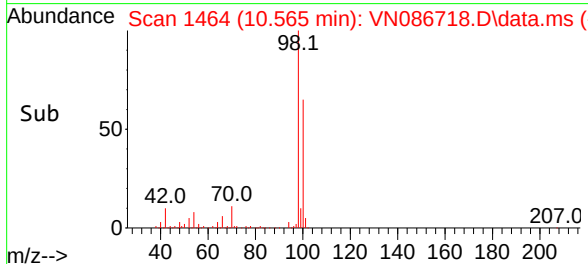
Instrument :
MSVOA_N
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PL-HRH-COMP-02



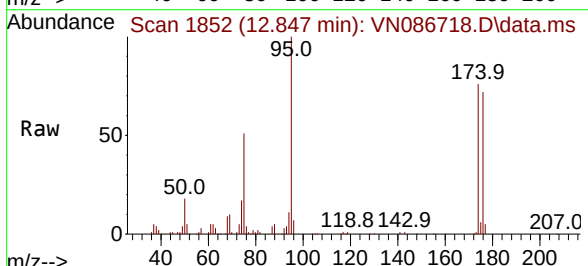
Tgt Ion: 98 Resp: 42861
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3

Manual Integrations
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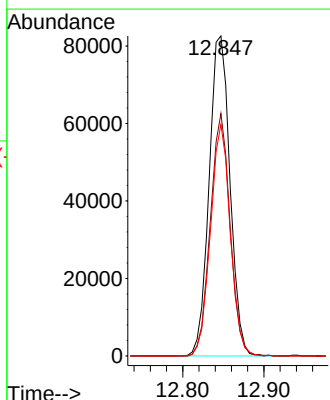
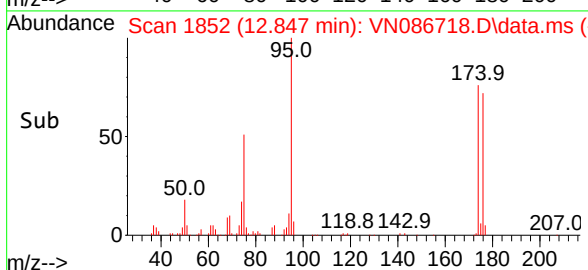
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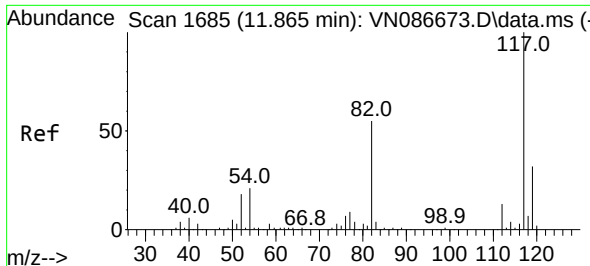


#62
4-Bromofluorobenzene
Concen: 50.516 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086718.D
Acq: 20 May 2025 15:15



Tgt Ion: 95 Resp: 147344
Ion Ratio Lower Upper
95 100
174 71.5 0.0 145.4
176 68.6 0.0 137.8





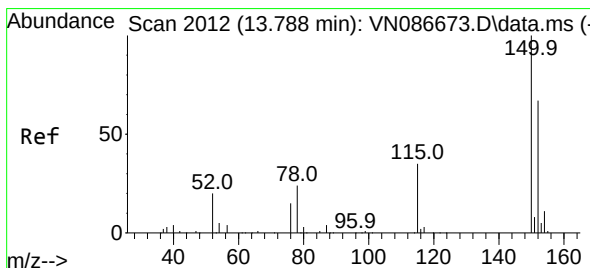
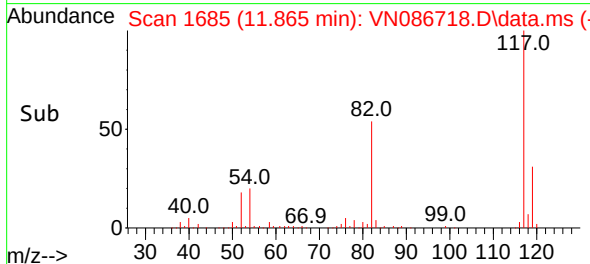
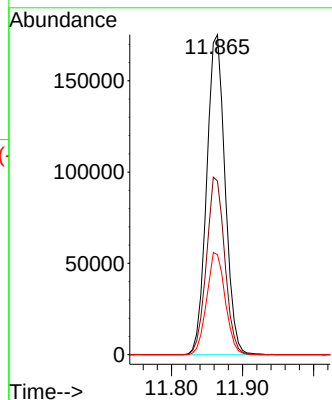
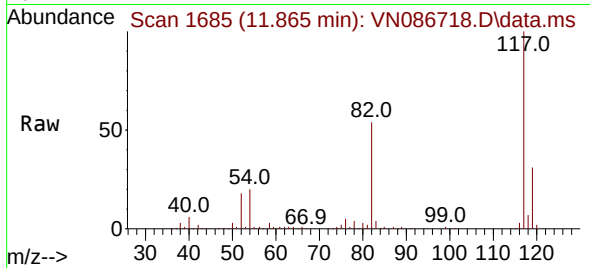
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086718.D
Acq: 20 May 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
PL-HRH-COMP-02

Tgt Ion:117 Resp: 31524
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.3 25.4 38.2

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086718.D
Acq: 20 May 2025 15:15

Tgt Ion:152 Resp: 134821
Ion Ratio Lower Upper
152 100
115 60.8 30.0 90.1
150 156.3 0.0 347.8

